
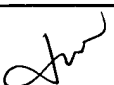
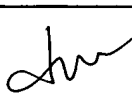
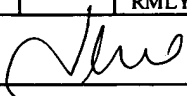
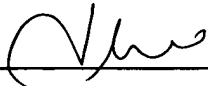


U.S. Department of Commerce, Patent and Trademark Office						Attorney Docket No.: 035-0004	
						Application No.: <del>Unknown</del> 10/044,744	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>						Applicant(s): Matthew A. Simpson, et al.	
(Use several sheets if necessary)						Filing Date: January 11, 2002	
						Group Art Unit: <del>Unknown</del> 1775	
						Date Submitted: June 11, 2002	
<b>U.S. Patent Documents</b>							
<b>*Examiner Initial</b>	<b>Document Number</b>	<b>Date</b>	<b>Name</b>	<b>Class</b>	<b>Subclass</b>	<b>Filing Date If Appropriate</b>	
	AA						
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<b>Foreign Patent Documents</b>							
							<b>Translation</b>
		<b>Document</b>	<b>Date</b>	<b>Country</b>	<b>Class</b>	<b>Subclass</b>	<b>Yes</b> <b>No</b>
<i>ju</i>	AL	5021628 with English Abstract	01 Jan. 1993	Japan			
<i>ju</i>	AM	79029380 with English Abstract	05 Mar. 1993	Japan			
	AN						
	AP						
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
<i>ju</i>	AR	ABSTRACT of Yttrium aluminum garnet (YAG) films through a precursor plasma spraying technique. Parukuttyamma, Sujatha D.; Margolis, Joshua; Liu, Haiming; Grey, Clare P.; Sampath, Sanjay; Herman, Herbert; Parise, John B. Center for Thermal Spray Research, Department of Materials Science and Engineering, Department of Chemistry, State University of New York, Stony Brook, NY, USA. J. Am. Ceram. Soc. (2001), 84(8), 1906-1908. CODEN: JACTAW ISSN: 0002-7820. Journal written in English.					
<i>ju</i>	AS	ABSTRACT of Sputter-deposited yttria-alumina thin films for optical waveguiding; Stadler BJH, Oliver M.; JOURNAL OF APPLIED PHYSICS; 84 (1): 93-99 JUL 1 1998; Document type: Article - Language: English					
<i>ju</i>	AT	ABSTRACT of Film synthesis of Y3Al5O12 and Y3Fe5O12 by the spray-inductively coupled plasma technique. Mizoguchi, Yoshihito; Kagawa, Masahiro; Syono, Yasuhiko; Hirai, Toshio. Institute for Materials Research, Tohoku University, Sendai, Japan. J. Am. Ceram. Soc. (2001), 84(3), 651-653. CODEN: JACTAW ISSN: 0002-7820. Journal written in English.					
<b>Examiner</b>		<i>ju</i>		<b>Date Considered</b> 4/30/02			

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

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ju	AR	ABSTRACT of Non-equilibrium phase synthesis in Al <sub>2</sub> O <sub>3</sub> -Y <sub>2</sub> O <sub>3</sub> by spray pyrolysis of nitrate precursors. Ullal, C. K.; Balasubramaniam, K. R.; Gandhi, A. S.; Jayaram, V. Department of Metallurgy, Indian Institute of Science, Bangalore, India. Acta Mater. (2001), 49(14), 2691-2699. CODEN: ACMAFD ISSN: 1359-6454. Journal written in English.						
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U.S. Department of Commerce, Patent and Trademark Office						Attorney Docket No.: 035-0004		
						Application No.: <u>Unknown- 10) 044 744</u>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>						Applicant(s): <u>Matthew A. Simpson, et al.</u>		
(Use several sheets if necessary)						Filing Date: <u>January 11, 2002</u>		
						Group Art Unit: <u>Unknown 1775</u>		
						Date Submitted: <u>June 11, 2002</u>		
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	AR	ABSTRACT of Plasma-sprayed alumina-yttria ceramic coatings for cavitation-erosion protection. Kim, Hae Jae. Dep. Ordnance Eng., Korea Mil. Acad., S. Korea. Han'guk Pusik Hakhoechi (1989), 18(3), 139-46. CODEN: HPHADI ISSN: 0253-312X. Journal written in English.						
	AS	ABSTRACT No. No: A9822-6855-033; Authors: Esparza, A.; Garcia, M.; Falcony, C.; Corp Source: Dept. de Fisica, Centro de Investigacion y de Estudios Avanzados, IPN, Mexico City, Mexico; Title: Structural and photoluminescent characteristics of yttrium-aluminum oxide films doped with Tb, Eu or Ce; Source: Thin Solid Films, vol.325, no.1-2 p. 14-18; ISSN: 0040-6090 CODEN: THSFAP; Publication: Switzerland; Language: English. Publisher: Elsevier; Year: 18 July 1998; Copyright No: 0040-6090/98; Record Type: Journal Paper.						
	AT	ABSTRACT No. A79034025; Authors: Korotkov, N.A.; Zaitsev, A.A.; Lazarev, E.M.; Title: Electron diffraction study of phase transformations in thin films of Y/sub 2/O/sub 3/-Al/sub 2/O/sub 3/; Source: Izvestiya Akademii Nauk SSSR, Metallurgy, no. 4 p. 251-5; ISSN: 0568-5303; CODEN: IZNMAQ; Publication: USSR; Translated In: Russian Metallurgy; ISSN: 0036-0295; CODEN: RMLYAQ; Country: UK; Language: English; Year: July-Aug. 1978; Record Type: Journal Paper						
Examiner 		Date Considered <u>4/30/03</u>						
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(Use several sheets if necessary)				Filing Date: <u>January 11, 2002</u>			
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AR	ABSTRACT No. 00499604/7; Energy SciTec  CZ- (c) 2001. Analytic Electron diffraction investigation of phase transformations in thin Y/sub 2/O/sub 3/-Al/sub 2/O/sub 3/ films. Authors: Korotkov, N.A.; Zajtsev, A.A.; Lazarev, E.M. Izv. Akad. Nauk SSSR, Met. (USSR) SO- VO 4  CO- IZNMA  SO- Jul-Aug 1978 SO; 251-255; Language: Russian						
AS							
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Examiner 		Date Considered <u>4/30/03</u>					
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449A/PTO

Sheet 1 of 1  
(use as many sheets as necessary)

Complete if Known  
Application Number 10/044,744  
Filing Date 01/11/02  
First Named Inventor Simpson et al.  
Group Art Unit 1775  
Examiner Name (not yet assigned)  
Attorney Docket Number 1035-SC4127

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## U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No.1	U.S. Patent Document Number Kind Code 2 (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>JS</i>	AA	2001/0003271	Otsuki	6/14/01	
<i>JS</i>	AB	2001/0018921	Yamada et al.	2/14/02	
	AC				
	AD				
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## FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No.1	Foreign Patent Document Office 3 Number Kind Code 2 (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
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## PUBLICATIONS

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Examiner Signature	<i>JS</i>	Date Considered	4/30/03
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1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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